Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2609	(calculat\$4 or comput\$4) near5 checksum\$1	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 12:38
L2	241	((calculat\$4 or comput\$4 or disabl\$4) near5 checksum\$1) and (UDP or (user adj2 data adj2 protocol))	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 12:49
L3	74	((calculat\$4 or comput\$4 or disabl\$4) near5 checksum\$1) and ((UDP or (user adj2 data adj2 protocol)) near3 packet\$1)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 12:50
L4	67	((calculat\$4 or comput\$4 or disabl\$4) near5 checksum\$1) and ((UDP or (user adj2 data adj2 protocol)) adj3 packet\$1)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 12:50
L5	32	((calculat\$4 or comput\$4 or disabl\$4) near5 checksum\$1) and ((UDP or (user adj2 data adj2 protocol)) same header same payload)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 12:51
L6	0	((calculat\$4 or comput\$4 or disabl\$4) near5 checksum\$1) and ((UDP or (user adj2 data adj2 protocol)) same header same payload) and GSM-AMR	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 12:51
L7	9	((calculat\$4 or comput\$4 or disabl\$4) near5 checksum\$1) and ((UDP or (user adj2 data adj2 protocol)) same header same payload) and (data near3 segment\$1)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 12:58
L8	12	((calculat\$4 or comput\$4 or disabl\$4) near5 (CRC or integrity or checksum\$1)) and ((UDP or (user adj2 data adj2 protocol)) same header same payload) and (data near3 segment\$1)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 12:59
L9	9	((calculat\$4 or comput\$4 or disabl\$4) near5 (integrity or checksum\$1)) and ((UDP or (user adj2 data adj2 protocol)) same header same payload) and (data near3 segment\$1)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 13:16
L10	3	((calculat\$4 or comput\$4 or disabl\$4 or add\$4) near5 (integrity or checksum\$1)) and ((independent or each) adj3 data adj3 segment\$1)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 13:18

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L11	16	((calculat\$4 or comput\$4 or disabl\$4 or add\$4) near5 (integrity or checksum\$1)) and ((independent or each) adj3 segment\$1)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 13:18
L12	0	((calculat\$4 or comput\$4 or disabl\$4 or add\$4) near5 (integrity or checksum\$1)) same ((independent or each) adj3 segment\$1)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 13:19
L13	253	((calculat\$4 or comput\$4 or disabl\$4 or add\$4) near5 (integrity or checksum\$1)) same segment\$1	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 13:19
L14	105	((calculat\$4 or comput\$4 or disabl\$4 or add\$4) near5 (integrity or checksum\$1)) near10 segment\$1	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 13:19
L15	20	((calculat\$4 or comput\$4 or disabl\$4 or add\$4) near5 (integrity or checksum\$1)) near10 (data near2 segment\$1)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 13:32
L16	133	perform\$3 near3 (data adj2 integrity adj2 check\$3)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 13:33
L17	134	perform\$5 near3 (data adj2 integrity adj2 check\$3)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 13:33
L18	3	(perform\$5 near3 (data adj2 integrity adj2 check\$3)) same (data near2 segment\$1)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 13:41
L19	3	(perform\$5 near3 (data adj2 integrity adj2 check\$3)) same (segment\$1)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 13:41
L20	27	(data adj2 integrity adj2 check\$3) same (segment\$1)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 13:41
L21	27	(data adj2 integrity adj2 (check\$3 or function\$1)) same (segment\$1)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 13:42
L22	501	((data adj2 integrity adj2 (check\$3 or function\$1)) or checksum\$1) same (segment\$1)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 13:42
L23	141	((data adj2 integrity adj2 (check\$3 or function\$1)) or checksum\$1) same (data adj2 segment\$1)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 13:42
L24	78	((data adj2 integrity adj2 (check\$3 or function\$1)) or checksum\$1) near10 (data adj2 segment\$1)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 13:43

L25	9	(((data adj2 integrity adj2 (check\$3 or function\$1)) or checksum\$1) near10 (data adj2 segment\$1)) and UDP	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 13:47
L26	77	checksum\$1 near10 (data adj2 segment\$1)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 14:02
L35	81	((calculat\$3 or comput\$6) near3 checksum\$1) near10 ((data adj2 segment\$1) or (data adj2 block\$1))	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 14:04
L36	78	((calculat\$3 or comput\$6) near3 checksum\$1) near5 ((data adj2 segment\$1) or (data adj2 block\$1))	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 14:12
L37	10	(((calculat\$3 or comput\$6) near3 checksum\$1) near5 ((data adj2 segment\$1) or (data adj2 block\$1))) and UDP	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 14:04

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### Delayed checksums commit broke UDP checksum calculation

... checksum field. Not possible. For IP, UDP, and TCP checksums, there is always a non-zero member in the sum (protocol). For other ... mailing.freebsd.net - Mar 12 2001, 9:24 am by Ruslan Ermilov - 1 message - 1 author

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#### <u>Delayed checksums commit broke</u> <u>UDP checksum calculation</u>

... This violates RFC 793. AFAIK, only UDP checksums are special. ... That's why UDP uses zero to indicate no-checksum, and requires to replace 0xffff by 0. Whatever. ... sol.lists.freebsd.net - Mar 7 2001, 11:26 am by r...@FreeBSD.ORG - 4 messages - 2 authors

#### **UDP**: Enabling Checksum calculation on SunOS 4.1.3

Does any one know if it is possible to enable/disable the calculation of UDP checksums

on SunOS 4.1.3, by use of a setsockopt, ioctl or fcntl function call? ... <a href="mailto:comp.protocols.tcp-ip">comp.protocols.tcp-ip</a> - Jan 10 1996, 8:45 pm by Ron Smith - 2 messages - 2 authors

#### Delayed checksums commit broke **UDP checksum calculation**

... Actually, it got broken in a different fashion; I had originally moved the above logic within in\_cksum itself, and when that got taken out, the **UDP** case wasn't ... sol.lists.freebsd.net - Nov 16 2000, 6:29 am by jle...@flugsvamp.com - 2 messages - 2 authors

#### **UDP** checksum question

The UDP checksum calculation contains an IP pseudo-header. The pseudo-header

contains a copy of the UDP length field, which means ...

comp.protocols.tcp-ip - May 18, 4:25 am by Barry Margolin - 5 messages - 3 authors

#### <u>UDP/TCP checksum calculation</u>

... calculation. Is there any algorithm for UDP checksum calculation? Your safest

and best bet for your information would be the actual RFC's. ... alt.os.development - Mar 11 2004, 2:46 am by Durand Miller - 3 messages - 3 authors

#### TCP-IP-UDP checksum

... TCP or **UDP** header and data but not the IP header(s). The fact that fragments don't come in sequence is not a big problem since the **checksum calculation** is not ...

comp.protocols.tcp-ip - Apr 25 2000, 8:10 pm by jatin - 5 messages - 3 authors

#### IPF and checksum calculation

... I am trying to find some answers to the following questions regarding IPF and checksum

calculation. ... is only called for outgoing packets (eg TCP or UDP) and not ... mailing.unix.ipfilter - Nov 27 2000, 2:18 pm by "Nikos A. Nikolaou" - 1 message - 1 author

#### ICMP checksum calculation

... if\_ether.h> #include <netinet/in\_systm.h> #include <netinet/in.h> #include <netinet/ip.h> #include <netinet/udp.h> #include <netinet/udp.h> #include <netinet/udp.h> #include <netide ...

<u>microsoft.public.win32.programmer.networks</u> - Jun 19 1997, 10:40 am by David Peter - 3 messages - 3 authors

#### udp checksum

I'm trying to calculate the checksum for a **udp** datagram. ... It turns out that the Internet

checksum calculation is not sensitive to byte order, provided of course ...
comp.protocols.tcp-ip - Oct 17 2000, 5:10 am by Atif Shahab - 7 messages - 4 authors

G00000000000008 1 C P
Result Page: 1 2 3 4 5 6 7 8 9 1011121314 Next

http://groups.google.com/groups?as q=&num=10&scoring=r&hl=en&as epq=checksum+cal... 9/16/05